


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Manganese Chloride solution		
Mol.formula	Cl2Mn · 4H2O	Cas no	null
Mol.wt	197,91 g/mol	Cat no	MC002
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification
<p>Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Acute toxicity, Oral (Category 4), H302 Classification according to EU Directives 67/548/EEC or 1999/45/EC Xn Harmful R22, R5</p> <p>Label elements Labelling according Regulation (EC) No 1272/2008</p> <div style="display: flex; align-items: center; margin: 10px 0;"> <div style="margin-right: 10px;">Pictogram</div>  </div> <p>Signal word Warning</p> <p>Hazard statement(s) H302 Harmful if swallowed</p> <p>Precautionary statement(s) none</p> <p>Supplemental Hazard none</p> <p>Statements</p> <p>Other hazards - none</p>



Section 3. First Aid Measures

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician

In case of skin contact

Wash off with soap and plenty of water. Consult a physician

In case of eye contact

Flush eyes with water as a precaution

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

Indication of any immediate medical attention and special treatment needed

no data available.

Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Special hazards arising from the substance or mixture

Hydrogen chloride gas, Manganese/manganese oxides

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary

Further information

The product itself does not burn.

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided



Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 6. Handling and Storage**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in other specific uses are stipulated.

Section 7. Additional Information**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

